

D. When FWCA Responsibilities Cannot Be Fulfilled in the "2(b) Report." The procedures for fulfilling Service responsibilities in the Corps planning process as described thus far assume that normal, established planning procedures that provide for adequate FWCA coordination are followed and that timely and sufficient project design data are available and provided to the Service prior to preparation of the 2(b) Report. Under these conditions, the Service is able to fulfill the requirements of Section 2(b) by providing a report which provides 1) clear documentation of the proposed project's impacts on fish and wildlife resources and 2) specific recommendations as to the measures that should be taken to conserve those resources.

In reality, any number of problems may arise during a given study which make it impossible for the Service to fully meet the two basic requirements of Section 2(b) in what would otherwise be the 2(b) Report. These problems may stem from insufficient or untimely data resulting from "preventable" coordination problems such as inadequate transfer funds or the Corps not providing available information on a timely basis; or they may also occur as a result of the "unpreventable" situation in which the Corps cannot provide information necessary to assess impacts until the actual design of the project begins.

Due to the uniqueness of each study or project, specific "procedures" for handling each potential problem cannot be established. Still, a general policy is needed to assure consistent and appropriate Service action when, through circumstances beyond our control, we are unable at the time of submitting the 2(b) Report to fulfill the basic requirements of Section 2(b).

This policy is that the Service will not provide a report that fulfills the statutory requirements of Section 2(b) unless and until adequate data are available to 1) determine the impacts of the proposed project on fish and wildlife resources and 2) make specific recommendations as to measures that should be taken to conserve those resources. Whether the lack of adequate data results from insufficient coordination or from the Corps' inability to provide necessary design data, the Service will provide a report to accompany the Corps report. However, this Service report will contain the following information.

1. The report will clearly state that it is presented in partial fulfillment of the FWCA and does not constitute the final report of the Secretary of Interior as required by Section 2(b) of the FWCA.
2. The reasons that the report does not constitute the final 2(b) Report will be clearly presented and documented. This requirement makes it essential that the ES Field Office officially document coordination problems as they occur.

3. The remaining coordination necessary to fully comply with the FWCA will be identified as clearly and specifically as possible.

While the reasons behind the Service's inability to fulfill Section 2(b) requirements do not affect the above policy, they could very well affect the Service's recommendations and position as presented in the report. If inadequate coordination resulting in insufficient or untimely data is the reason the 2(b) Report cannot be provided, the Service may take the position that the Corps report not be submitted for project authorization or that further Corps study not be initiated until the necessary data are provided and the 2(b) Report submitted. On the other hand, the Service may not oppose authorization and/or further study if provisions for completion of needed FWCA coordination are recommended in the Corps report. Such a position may be particularly appropriate when adequate project data cannot be provided prior to detailed design studies. In this regard, it is not uncommon for substantive impacts to hinge on design issues or construction techniques and thus impacts cannot be assessed or recommendations made at the time of report submittal. In these situations it is essential that our report define the coordination necessary during design, construction, and/or operation and state that the requirements of Section 2(b) will not be fulfilled until this coordination is completed.

This policy recognizes that Section 2(b) requires not simply a report, but rather surveys and recommendations "for the purpose of determining the possible damage to wildlife resources and for the purpose of determining means and measures that should be adopted to prevent the loss of or damage to such wildlife resources." If these tasks cannot be completely fulfilled at the time the report is submitted, they must be completed during ensuing coordination.

JUN 21 1996

Planning Division
Environmental Branch

Mr. Craig Johnson
U.S. Fish and Wildlife Service
P.O. Box 2676
Vero Beach, Florida 32961-2676

Dear Mr. Johnson:

I am forwarding the results of the field investigations for the Coast of Florida Erosion and Storm Effects Study, Region III. Since your office indicated they were unable to perform the field work under the Scope of Work submitted by facsimile to your office on August 3, 1995, I am also enclosing an amended Scope of Work.

I understand that your staff is concerned that the spacing of transects is greater than that normally used to support a Coordination Act Report (CAR) for shore protection activities. However, I believe a more detailed field investigation is both impracticable and unnecessary at this time. The enclosed field investigation of the approximate 90 miles of coastal area involved 22 transects and was performed by a contractor at a cost of over \$55,000. It is uncertain at this time whether the final feasibility report will recommend any Federal participation or when aspects of the project would be constructed.

I request that the CAR address the likely range of impacts based on the information provided and the several CARs already conducted by your office for shore protection in Dade, Broward, and Palm Beach Counties. It appears that such a report could satisfy the requirements of Section 2(b) of the Fish and Wildlife Coordination Act by providing your recommendations (as specific as is practicable) with respect to 1) possible damage to wildlife resources, 2) means and measures that should be adopted to prevent the loss of or damage to such resources, and 3) features recommended for wildlife conservation and development. I request that, if needed, a more specific determination of resources and impacts be deferred until a particular phase or aspect of the project is more definitely considered for construction and Federal participation.

-2-

Please sign the enclosed amended Scope of Work and return it by mail and facsimile (904-232-3442) so we can fund the report. It is very important that you provide the requested CAR by July 15, 1996. Please contact me if this is not feasible.

Sincerely,

A. J. Salem
Chief, Planning Division

Enclosures

bcc:
DP-I (Stevens)
PD-PC (Granat)

Dupes/CESAJ-PD-ER/1689/
HLD Dugger/CESAJ-PD-ER
Smith/CESAJ-PD-E
Kob Strain/CESAJ-PD-P
Benner/CESAJ-DP CF
Salem/CESAJ-PD
OTS

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**SCOPE OF WORK
FISH AND WILDLIFE COORDINATION ACT
COAST OF FLORIDA EROSION AND
STORM EFFECTS STUDY**

REGION III

1.0 Project Title: Coast of Florida Erosion and Storm Effects Study - Region III.

2.0 Authorization Status: General Investigation, Feasibility Study.

3.0 Project Description: The Coast of Florida Study (COFS) is a multi-year, phased regional feasibility examining the entire developed east coast ocean shoreline and west coast gulf shoreline. The objective of the study is to develop a comprehensive understanding of the coastal processes and associated environmental resources to help in the development of enhanced shore protection projects while reducing environmental impacts. The current region being studied (Region III), which includes Dade, Broward and Palm Beach Counties, is nearing completion. Alternative recommendations for 21 project segment modifications have been identified through the COFS. These modifications include initial beach restoration for four new sites, (Fort Lauderdale, Highland Beach, Dania and Golden Beach) and improvements at two existing sand transfer plants (Lake Worth Inlet and South Lake Worth Inlet) in addition to modifications at other existing authorized beach nourishment sites. New nearshore berm disposal sites have also been identified as project components adjacent to several project locations. The location of identified hardground areas have been taken into consideration by scaling back recommended project footprints and carefully locating nearshore berms to reduce and/or avoid associated impacts to hardground resources. The recommended plans are discussed in the Draft Feasibility Report for the study, dated May 1995. A preliminary review copy of this report, which includes a Draft Environmental Impact Statement has been provided to the U.S. Fish and Wildlife Service Field Office in Vero Beach, Florida.

An Environmental Impact Statement (EIS) is being prepared to address the environmental impacts of the study alternatives and the selected plan. Detailed plans for some of the more complex proposed projects will not be developed during this feasibility phase. For instance, the exact location and detailed design of sand transfer plants will not be known. The general location of new sand sources have been identified during the feasibility phase; however, detailed design and analysis will take place during post authorization planning, engineering and design (PED) activities for each project. Sufficient uncertainty may exist concerning impacts to fish and wildlife resources that further environmental investigation and analyses may be needed during PED for each project. This would include endangered species coordination, and the appropriate NEPA document and coordination. More detailed investigations by the FWS would take place as needed at that time.

4.0 Work Required of the Fish and Wildlife Service (FWS):

4.1 Review of Literature and Existing Data:1 biologist, 10 days

Perform a review of the literature and existing data relevant to the Coast of Florida Study. This review should include, but not be limited to: 1) previous Planning Aid Reports and Coordination Act Reports prepared by the FWS for beach nourishment projects within the Region III study area, 2) existing Inlet Management Plans for inlets within the study area, 3) any information and/or data Dade, Broward, and Palm Beach Counties may have on fish and wildlife resources within the study area, 4) report entitled, Hardground and Seagrass Assessment, Coast of Florida Erosion and Storm Effects Study, Dade, Broward, and Palm Beach Counties, prepared by Lotspeich and Associates, Inc., for the Corps of Engineers.

4.2 Coordination Act Report (CAR):

Prepare and Coordinate Draft CAR1 biologist, 10 days

Review comments to Draft CAR and prepare Final CAR.....1 biologist, 3 days

Prepare a Coordination Act Report in accordance with the Fish and Wildlife Coordination Act that will satisfy Section 2(b) of the Act. The CAR shall include:

- a. Determine and evaluate the effects of potential increases in siltation and sedimentation as a result of the proposed project on nearby natural habitats.
- b. Discuss alternative to minimize or avoid significant impacts to natural resources. Recommendations to mitigate possible impacts.
- c. Include copies of all correspondence pertaining to the FWCA studies and report.

4.3 Report submittal:

- a. A draft CAR shall be submitted to the Corps by July 15, 1996.
- b. A final CAR shall be submitted to the Corps within 45 days after submittal of the draft CAR.

5.0 Information to be provided by the Corps: Provide a copy of the report entitled, Hardground and Seagrass Assessment, Coast of Florida Erosion and Storm Effects Study, Dade, Broward, and Palm Beach Counties, prepared by Lotspeich and Associates, Inc

6.0 Agreement:

By completion of the enclosed DD Form 448, transferring funds for this work in accordance with the enclosed itemized cost estimate, the undersigned certify intention to perform respective tasks within the time frames stated in this Scope of Work.

CRAIG JOHNSON
Field Supervisor
U.S. Fish and Wildlife Service

DATE: _____

HANLEY K. SMITH
Chief, Environmental Branch
U.S. Army Corps of Engineers

DATE: _____

Dated: August 12, 1996.

H. Roger Frauenfelder,
General Manager.

[FR Doc. 96-21576 Filed 8-22-96; 8:45 am]

BILLING CODE 6560-50-P

[FRL-5559-3]

Acid Rain Program: Notice of State Acid Rain Programs

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: Title IV of the Clean Air Act requires EPA to establish the Acid Rain Program to reduce the adverse environmental and public health effects of acidic deposition. Under titles IV and V of the Act, State and local air permitting authorities develop and administer acid rain programs as part of their title V operating permits programs. The State and local permitting authorities listed in this notice have recently submitted acid rain programs for EPA review that have subsequently been determined to be acceptable to the EPA Administrator as part of their title V operating permits programs. EPA has previously published in the *Federal Register* lists of other State and local permitting authorities with acceptable acid rain programs; see 60 FR 16127 (March 29, 1995) and 60 FR 52911 (October 11, 1995). This notice is for informational purposes only and does not supplant any other *Federal Register* notices under title V.

FOR FURTHER INFORMATION CONTACT: Robert Miller, U.S. EPA, Acid Rain Division (6204), 401 M St., SW., Washington, DC 20460, (202) 233-9077.

SUPPLEMENTARY INFORMATION: In Phase I of the Acid Rain Program (1995 through 1999), EPA issues Phase I acid rain permits and is the permitting authority for certain acid rain affected sources. In Phase II of the Acid Rain Program (beginning in the year 2000 and continuing into perpetuity), State and local permitting authorities are required under titles IV and V of the Act to act as the permitting authority for acid rain affected sources in Phase II and issue acid rain permits as part of their title V operating permits programs. Initial Phase II acid rain permits must be issued to all acid rain affected sources no later than December 31, 1997.

The following State and local permitting authorities have submitted acid rain programs that are acceptable to the EPA Administrator as part of their title V operating permits programs:

Region 1

The Department of Environmental Protection, Bureau of Air Management, in the State of Connecticut;

The Department of Environmental Protection, Bureau of Air Quality Control, in the State of Maine;

The Department of Environmental Services, in the State of New Hampshire.

Region 2

The Department of Environmental Conservation, in the State of New York.

Region 3

The Division of Environmental Protection, in the State of West Virginia.

Region 4

The Department of Natural Resources and Environmental Management, in the City of Huntsville, Alabama;

The Jefferson County Department of Health, in the State of Alabama;

The Department of Environmental Quality, in the State of Mississippi;

The Department of Environment, Health, and Natural Resources, in the State of North Carolina.

Region 6

The Air Pollution Control Division, in the City of Albuquerque, New Mexico.

Region 8

The Department of Health and Environmental Sciences, Air Quality Division, in the State of Montana.

Region 9

The Pima County Department of Environmental Quality, in the State of Arizona;

The Sacramento Metropolitan Air Quality Management District, in the State of California.

Dated: August 15, 1996.

Brian J. McLean,

Director, Acid Rain Division, Office of Atmospheric Programs, Office of Air and Radiation.

[FR Doc. 96-21574 Filed 8-22-96; 8:45 am]

BILLING CODE 6560-50-P

[FRL-5558-4]

Proposed Settlement; Hazardous Organic NESHAP Litigation

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of Proposed Settlement; Request for Public Comment.

SUMMARY: In accordance with Section 113(g) of the Clean Air Act ("Act"), notice is hereby given of a proposed

settlement of the following cases: *Chemical Manufacturers Association v. U.S. EPA*, Nos. 94-1463 and 94-1465 (D.C. Cir.).

These consolidated cases, filed by the Chemical Manufacturers Association and the Dow Chemical Company, involve challenges to the Hazardous Organic National Emission Standard (NESHAP) promulgated by EPA under section 112(d) of the Clean Air Act for the synthetic organic chemical

manufacturing industry. See 59 FR 19402 (April 22, 1994). (Codified at 40 CFR part 63, subparts F, G, H and I).

For a period of thirty (30) days following the date of publication of this notice, the Agency will receive written comments relating to the settlement from persons who were not named as parties to the litigation in question. EPA or the Department of Justice may withhold or withdraw consent to the proposed settlement if the comments disclose facts or circumstances that indicate that such consent is inappropriate, improper, inadequate, or inconsistent with the requirements of the Act.

A copy of the settlement has been lodged with the Clerk of the United States Court of Appeals for the District of Columbia Circuit. Copies of the settlement are also available from Jacqueline Jordan, Air and Radiation Division (2344), Office of General Counsel, U.S. Environmental Protection Agency, 401 M Street, SW., Washington, D.C. 20460, (202) 260-7622. Written comments should be sent to Patricia Embrey, at the above address and must be submitted on or before September 23, 1996.

Dated: August 13, 1996.

Scott C. Fulton,

Acting General Counsel.

[FR Doc. 96-21577 Filed 8-22-96; 8:45 am]

BILLING CODE 6560-50-M

[ER-FRL-5272-5]

Environmental Impact Statements; Notice of Availability

RESPONSIBLE AGENCY: Office of Federal Activities, General Information (202) 564-7167 OR (202) 564-7153. Weekly receipt of Environmental Impact Statements Filed August 12, 1996 Through August 16, 1996 Pursuant to 40 CFR 1506.9

EIS No. 960381, Draft EIS, COE, FL, Coast of Florida Erosion and Storm Effects Study Region III, Construction, Operation and Maintenance, Shore Protection Project, Palm Beach, Broward and Dade Counties, FL, Due:

October 07, 1996, Contact: Michael Dupes (904) 232-1689.

EIS No. 960382, Draft EIS, AFS, ID, WA, Priest Lake Ranger District Noxious Weed Control Project, Implementation, Idaho Panhandle National Forest, Bonner County, ID and Pend Oreille County, WA, Due: October 07, 1996, Contact: Tim Layser (208) 443-2512.

EIS No. 960383, Draft EIS, AFS, ID, St. Joe Noxious Weed Control Project, Implementation, St. Maries River, St. Joe River and Little North Fork Clearwater River, Benewah, Shoshone and Latah Counties, ID, Due: October 07, 1996, Contact: Mary Laws (208) 245-4517.

EIS No. 960384, Draft Supplement, AFS, VA, George Washington National Forest, Revised Land and Resource Management Plan, Concerning Oil and Gas Leasing in Laurel Fork Special Management Area, Highland County, VA, Due: October 07, 1996, Contact: Dave Plunkett (540) 564-8300.

EIS No. 960385, Draft EIS, IBR, CA, Interim South Delta Program (ISDP), Construction and Operation, Sacramento/San Joaquin Delta, Implementation, COE Section 404 Permit, Alameda, Contra Costa and San Joaquin Counties, CA, Due: December 06, 1996, Contact: Alan R. Candlish (916) 989-7255.

EIS No. 960386, Draft EIS, DOE, ID, NV, WA, MT, OR, WY, Wildlife Mitigation Program Standards and Guidelines, Implementation, Columbia River Basin, WA, OR, ID, MT, UT, WY and NV, Due: October 07, 1996, Contact: Thomas C. McKinney (503) 230-4749.

EIS No. 960387, Final EIS, FTA, IL, St. Clair County Corridor Transit Improvements, Funding, St. Clair County, IL, Due: September 23, 1996, Contact: Joni Roeseter (816) 523-0204.

EIS No. 960388, Draft EIS, BLM, NM, Little Rock Open-Pit Mine Project, Construction and Operation, Plan of Operations Approval, and several Permits Issuance, Grant County, NM, Due: October 15, 1996, Contact: Juan Padilla (505) 525-4376.

EIS No. 960389, Final EIS, FHW, PA, Danville-Riverside Bridge Replacement Project, Construction and Road Construction, across the North Branch of the Susquehanna River, Funding and Section 404 Permit, Appalachian Mountain, Montour and Northumberland Counties, PA, Due: September 23, 1996, Contact: Manuel A. Marks (717) 782-3461.

EIS No. 960390, Final EIS, NOAA, TX, Texas Combined Coastal Management Program, Implementation, Federal

Approval, Gulf of Mexico, TX, Due: September 23, 1996, Contact: Bill O'Beirne (301) 713-3109.

EIS No. 960391, Draft EIS, GSA, GA, Clifton Road Campus of the Centers for Disease Control and Prevention Acquisition of Additional Property, DeKalb County, GA, Due: October 07, 1996, Contact: Phil Youngberg (404) 331-1831.

EIS No. 960392, Final EIS, FHW, CO, Parker Road (CO-83)/I-225 Interchange Project (FCU-CX-083-1) (49), Improvement between Peoria Street to Hampden Avenue, Funding, NPDES Permit and COE Section 404 Permit, City of Aurora, Arapahoe County, CO, Due: September 23, 1996, Contact: George H. Osborne (303) 969-6730.

EIS No. 960393, Final EIS, COE, NC, Texasgulf Open Pit Mine Continuation, Construction and Operation, Permit Approval, Pamlico River, Aurora, Beaufort County, NC, Due: September 23, 1996, Contact: Hugh Heine (910) 251-4070.

Amended Notices

EIS No. 960364, Draft EIS, AFS, MT, Lewis and Clark National Forest Plan, Implementation, Oil and Gas Leasing Analysis, Upper Missouri River Basin, several counties, MT, Due: November 08, 1996, Contact: Robin Strathy (406) 791-7726.

Published FR—08-9-96—Due Date Correction.

Dated: August 20, 1996.

William D. Dickerson, Director, NEPA Compliance Division, Office of Federal Activities.

[FR Doc. 96-21569 Filed 8-22-96; 8:45 am]
BILLING CODE 6560-50-U

[FRL-5559-4]

Public Meeting of the Sanitary Sewer Overflow Advisory Subcommittee

AGENCY: Environmental Protection Agency.

ACTION: Notice.

SUMMARY: Notice is hereby given that the Environmental Protection Agency (EPA) is convening a public meeting on September 9-10, 1996. This meeting is open to the public without need for advance registration. The Sanitary Sewer Overflows (SSO) Advisory Subcommittee will discuss identification of approaches for key issues and the overall SSO strategy.

DATES: The SSO meeting will be held on September 9-10, 1996. The September 9 meeting will begin promptly at 10:00 a.m. EST and end at approximately 5:00

p.m. On September 10, the meeting will begin at 8:30 a.m. and end at approximately 4:00 p.m.

ADDRESSES: The meeting will be held at the Holiday Inn Historic-District, 625 First Street, Alexandria, Virginia. The Holiday Inn's telephone number is (703) 548-6300.

FOR FURTHER INFORMATION: Contact Charles Vanderlyn, Office of Wastewater Management, at (202) 260-7277.

Dated: August 9, 1996.

Michael B. Cook, Director, Office of Wastewater Management, Designated Federal Official.

[FR Doc. 96-21575 Filed 8-22-96; 8:45 am]
BILLING CODE 6560-50-P

[FRL-5559-7]

Science Advisory Board; Notification of Public Advisory Committee Meetings; Open Meetings

Pursuant to the Federal Advisory Committee Act, Public Law 92-463, notice is hereby given that several committees of the Science Advisory Board (SAB) will meet on the dates and times described below. All times noted are Eastern Time. All meetings are open to the public. Due to limited space, seating at meetings will be on a first-come basis. For further information concerning specific meetings, please contact the individuals listed below. Documents that are the subject of SAB reviews are normally available from the originating EPA office and are not available from the SAB Office.

1. Executive Committee

The Executive Committee of the EPA Science Advisory Board will meet on Tuesday and Wednesday, September 17-18, 1996. The meeting will convene at 8:30 a.m. in the Administrator's Conference Room 1103—West Tower of the U.S. Environmental Protection Agency Headquarters Building at 401 M Street SW, Washington, DC 20460, and adjourn no later than 5:30 p.m. The meeting is open to the public, however, seating is limited and available on a first come basis.

At this meeting, the Executive Committee will receive updates from its committees and subcommittees concerning their recent and planned activities. As part of these updates, some committees will present draft reports for Executive Committee review and approval. Expected drafts include:

1. Executive Committee's "Lookout Panel" Committee-of-the-Whole activity; Commentary on the First Lookout Panel Session: Forecasting Future Water Environmental Issues.

August 2, 1996

Planning Division
Environmental Branch

Mr. Chris Marhenki
Broward County Main Library
Government Documents Department
100 South Andrews Avenue
Ft. Lauderdale, Florida 33301

Dear Mr. Marhenki:

As discussed with Mike Dupes of my staff, enclosed is a copy of the Feasibility Report and Draft Environmental Impact Statement for the Coast of Florida Erosion and Storm Effects Study, Region III. The report is in three volumes and is being provided to allow for public review. Please make them available in the reference section of your library.

Thank you for your assistance in this matter. If you have any questions or need any additional information, please contact Mr. Dupes at 904-232-1689.

Sincerely,

George M. Strain
~~A. J. Salem~~
Acting Chief, Planning Division

Enclosure

MD Dupes/CESAJ-PD-ER/1689/mw *mw*
MD ~~Digger~~/CESAJ-PD-ER
~~Smith~~/CESAJ-PD-E
Strain/CESAJ-PD-P
Salem/CESAJ-PD

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August 2, 1996

Planning Division
Environmental Branch

Ms. Cathy Benson
Palm Beach County Central Library
3650 Summit Boulevard
West Palm Beach, Florida 33406

Dear Ms. Benson:

As discussed with Mike Dupes of my staff, enclosed is a copy of the Feasibility Report and Draft Environmental Impact Statement for the Coast of Florida Erosion and Storm Effects Study, Region III. The report is in three volumes and is being provided to allow for public review. Please make them available in the reference section of your library.

Thank you for your assistance in this matter. If you have any questions or need any additional information, please contact Mr. Dupes at 904-232-1689.

Sincerely,

George M. Strain
~~A. J. Salem~~
Acting Chief, Planning Division

Enclosure

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Salem/CESAJ-PD

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August 2, 1996

Planning Division
Environmental Branch

Ms. Gia Thompson
Miami Beach Branch Library
2100 Collins Avenue
Miami Beach, Florida 33139

Dear Ms. Thompson:

As discussed with Mike Dupes of my staff, enclosed is a copy of the Feasibility Report and Draft Environmental Impact Statement for the Coast of Florida Erosion and Storm Effects Study, Region III. The report is in three volumes and is being provided to allow for public review. Please make them available in the reference section of your library.

Thank you for your assistance in this matter. If you have any questions or need any additional information, please contact Mr. Dupes at 904-232-1689.

Sincerely,

George M. Strain
Acting Chief, Planning Division

Enclosure

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DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0019



August 2, 1996

REPLY TO
ATTENTION OF
Planning Division
Environmental Branch

TO WHOM IT MAY CONCERN:

Pursuant to the National Environmental Policy Act and U.S. Army Corps of Engineers Regulation (33 CFR 230.11), this letter constitutes the Notice of Availability of the Draft Feasibility Report and Draft Environmental Impact Statement (DEIS) for the Coast of Florida Erosion and Storm Effects Study, Region III. A summary of the DEIS is provided as enclosure 1.

Copies of the Feasibility Report and DEIS will be provided at a reasonable cost of reproduction. Requests for copies should be directed to Mr. Kenneth Dugger, Chief, Environmental Coordination Section at the letterhead address or 904-232-1686 or fax 904-232-3442. Copies of the report and DEIS will be available for public review at the locations shown on enclosure 2.

Sincerely,


Mr. A. J. Salem
Chief, Planning Division

Enclosure

DRAFT ENVIRONMENTAL IMPACT STATEMENT

COAST OF FLORIDA EROSION AND STORM EFFECTS STUDY, REGION III, PALM BEACH, BROWARD, AND DADE COUNTIES, FLORIDA

1.0 SUMMARY

1.1 Major Conclusions

Beaches along the Region III shoreline are in differing stages of erosion that require specific plans of action to reestablish beaches and protect them from storm damages. To economize in the planning and implementation of these projects, they have been aggregated into a regional plan that is presently analyzed in reference with the no-action alternative, which assumes that no nourishment operations would be completed outside of those already funded and in operation. The currently proposed combination of alternatives (recommended plan) involves several types of actions including beach nourishments, nearshore berm placements, and sand transfer plants. These projects have the collective goal of reestablishing the beaches that have been degraded through anthropogenically disturbed littoral movement and storm damage.

The recommended plan would generally have only temporary impacts due to the nature of the activities. However, some impacts would have more enduring effects than others. Water turbidity in the vicinity of operations would generally increase during the borrow and nourishment activities; however, these impacts would be temporary and insignificant. Some turbidity associated impacts to hardgrounds near borrow areas may also occur, but mitigation efforts, namely buffer zones, should minimize these effects. Nourishment activities would avoid sensitive turtle nesting windows as well as be operated per the prescribed constraints of the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS); thus, impacts to sea turtles should be minimal and within allowable "taking" levels. An estimated 100, 91, and 24 acres of new beach would be created in Palm Beach, Broward, and Dade counties, respectively, which could benefit nesting sea turtles. Borrow operations would be conducted according to NMFS guidelines, minimizing the potential for takes of sea turtles in the borrow site area. Impacts to the endangered Indian manatee would likewise be minimal, with the implementation of operational requirements dictated by the USFWS. It is unlikely that other endangered species would be significantly impacted in an adverse manner from borrow or nourishment operations.

Preliminary estimates suggest that approximately 31, 25, and 5 acres of hardgrounds, in Palm Beach, Broward, and Dade counties, respectively, would be buried or otherwise impacted from nourishment activities associated with the recommended plan. However, mitigation measures would negate any habitat losses realized from hardground coverage associated with nourishment activities. Mechanical damage to hardgrounds is possible with borrow operations, although unlikely with the use of buffer zones and state-of-the-art navigation and positioning equipment. Temporary impacts associated with turbidity and sedimentation are likely in hardground areas

flanking borrow sites, although efforts to minimize these impacts will be made through the establishment of buffer zones and other measures.

Direct effects on the regional economy from the implementation of proposed combination of alternatives (borrow, nourishment, or other associated activities) should be minor; however, projected 10- and 20-year storm damages as great as \$33 million could be avoided. Cultural resources should not be affected by the proposed action; however, in the event that underwater archaeological remains are discovered during operations, appropriate action will be taken to minimize disturbance and insure integrity of the finding. Recreational resources should generally benefit with greater beach widths for beach activities. An estimated 100, 91, and 24 acres of additional beach would be created in Palm Beach, Broward, and Dade counties, respectively under the recommended plan. Benefits from this additional beach have been estimated to have an average annual equivalent recreational benefit as great as a \$8.7 million in Region III. However, increased turbidity levels may temporarily affect some hardground areas presently used by recreational divers. Long-term coverage of some hardground areas would be replaced with other habitat areas that could also be used by divers after colonization.

1.2 Areas of Controversy

Several areas of controversy exist for the COFS project. These are discussed below:

Use of Bahamian Sand for Nourishment Activities in Broward and Dade Counties.

Bahamian sand has been proposed as a compatible nourishment sand for beaches in Broward and Dade counties. Only one nourishment project to date has been studied (Fisher Island renourishment, Lutz *et al.*, 1993), and some entities believe that the lighter color of the sand that yields slightly cooler temperatures in sea turtle nests could lead to a proportionally greater number of female hatchlings. To date, no definitive studies on this issue have been documented.

Impacts on Sea Turtles. In addition to the issues surrounding the use of Bahamian sand, there is general concern that nourishment and borrow activities could lead to an unacceptable number of sea turtle "takes." This concern relates to the timing of activities, the compaction and slope of nourished beaches, and the operation plans (lighting and dredge-type) for borrow and nourishment operations. Consultation with the USFWS and the NMFS has resulted in a set of operational guidelines that will minimize "takes" of sea turtles.

Impacts on Sea Grass Beds. Although dense and relatively dense sea grass bed locations have been well mapped by the Florida Marine Research Institute (FMRI), sparse grass beds located in inlets and nearshore softbottoms are not fully mapped. There is a concern that unmapped, sparse beds near borrow or nourishment areas may be affected by increased turbidity levels and direct coverage associated with nourishment activities. Prior to borrow and nourishment activities, site reconnaissance will reveal any significant unmapped sea grass beds. Information from reconnaissance surveys will help in operational plans to avoid significant adverse impacts to these beds.

Impacts on Hardgrounds. Several concerns exist over the projected impacts to hardground areas in the nearshore and vicinity of the borrow areas. Generally, there is a concern that associated turbidity and sedimentation impacts to hardgrounds are not fully understood and that they may be understated herein. The available literature has been reviewed and suggests that although impacts are likely, they are not likely to be permanent. Furthermore, with the observance of buffer zones, associated turbidity and sedimentation, and mechanical impacts should be minimized.

1.3 Unresolved Issues

As noted in the section 1.2, Areas of Controversy, several of these controversial issues are unresolved. Specifically, impacts associated with the use of Bahamian sand are not fully documented for south Florida beaches. More specifically, the effects of Bahamian sand on sea turtle nesting are not definitively documented at this time. In addition to the unresolved concerns regarding Bahamian sand, the effects of increased turbidity and sedimentation on hardgrounds in both the nearshore and borrow areas are not fully understood. Although impacts would occur to hardgrounds from nourishment activity burial and can definitively be projected, the relationships among turbidity, sedimentation, and mortality are not definitive for all species in nearshore and borrow area hardgrounds. Therefore, although estimates of hardground impacts are provided herein, the precise amount of hardground mitigation needed for the implementation of the recommended plan is unresolved at this time.

1.4 Environmental Impact Tiering

Although location-independent and general impacts associated with the proposed action are discussed in this report, location-specific impacts with regard to borrow areas and nourishment activities are reserved for future tiered documentation (40 CFR §1508.28) that will be developed as project-specific details become available.

1.5 Department of Army Budgeting Policy

The recommendations contained within the Coast of Florida Erosion and Storm Effects Study Region III draft feasibility report reflect the information available at this time, and current Department of the Army policies and Federal law governing formulation of individual project modifications. They do not reflect program and budgeting priorities inherent in the formulation of a national Civil Works construction program, nor the perspective of higher review levels within the Executive Branch. Consequently, the recommendations for modifications to authorized storm damage reduction projects, recommendations for new storm damage reduction projects, and the recommendation for shore damage mitigation project at Palm Beach Harbor, and information in this report may be modified before it is transmitted to higher authority as proposals for project modification and/or implementation funding.

The Department of the Army Fiscal Year 1996 Civil Works allocations reflect the President's commitment to focus the development of the Nation's water resources on projects and programs which have national significance. The allocations maintain the Federal government's commitments to Non-Federal sponsors for phases of work already underway but do not include any requests for new studies, design or construction for shore protection projects. The U.S. Army Corps of Engineers may or may not be allowed to fund plans and specifications and construction for Region III shore protection projects. The Fiscal Year 1997 budgetary objectives of the Administration are under preparation, and may change as the Congress reviews the President's Fiscal Year 1997 budget requests and prepares appropriation legislation.

Copies of the Feasibility Study and Draft Environmental Impact Statement for the Coast of Florida Erosion and Storm Effects Study will be available at the following locations:

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Point of Contact: Mr. Bob Clinger
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Ft. Lauderdale, Florida 33301
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Phone Number: 954-519-1265
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33 S.W. 2nd Avenue, Suite 300
Miami, Florida 33130-1540
Point of Contact: Mr. Brian Flynn
Phone Number: 305-372-6850
Office Hours: 8:30 a.m. to 5 p.m. Monday through Friday

LIST OF ADDRESSEES

NOTICE OF AVAILABILITY
DRAFT ENVIRONMENTAL IMPACT STATEMENT
COAST OF FLORIDA EROSION AND STORM EFFECTS STUDY
REGION III

FLORIDA AUDUBON SOCIETY
460 HIGHWAY 436
SUITE 200
CASSELBERRY FL 32707

FLORIDA WILDLIFE FEDERATION
PO BOX 6870
TALLAHASSEE FL 32314-6870

CARIBBEAN CONSERVATION CORP
PO BOX 2866
GAINESVILLE FL 32602

MR JOHN RAINS JR
ISAAC WALTON LEAGUE OF AMERICA INC
5314 BAY STATE ROAD
PALMETTO FL 33561-9712

PROFESSOR JOHN GIFFORD
ROSENSTIEL SCHOOL OF MARINE
AND ATMOSPHERIC SCIENCE
4600 RICKENBACKER CAUSEWAY
MIAMI FL 33149-1098

ENVIRONMENTAL SERVICES INC
8711 PERIMETER PARK BLVD
SUITE 11
JACKSONVILLE FL 32216

JOHN D MACARTHUR STATE PARK
10900 STATE ROAD 703
NORTH PALM BEACH FL 33408

HISTORICAL SOCIETY OF PALM BEACH COUNTY
105 S NARCISSUS STREET
WEST PALM BEACH FL 33401

SIERRA CLUB - LOXAHATCHEE GROUP
P O BOX 6271
LAKE WORTH FL 33461

AUDUBON SOCIETY OF THE EVERGLADES
P O BOX 16914
WEST PALM BEACH FL 33416-6914

ROYAL PALM AUDUBON SOCIETY
1300 NW 6TH STREET
BOCA RATON FL 33486

FLORIDA OCEANOGRAPHIC SOCIETY
890 N E OCEAN BOULEVARD
STUART FL 34996

FLORIDA NATIVE PLANT SOCIETY
7667 PARK LANE
LAKE WORTH FL 33467

FLORIDA MARINE CONSERVATION
CORPORATION
12295 INDIAN MOUND ROAD
LAKE WORTH FL 33467-8220

CENTER FOR MARINE CONSERVATION
ONE BEACH DRIVE SE #304
ST PETERSBURG FL 33701

FLORIDA SHORE AND BEACH
PRESERVATION ASSOCIATION
SINGER ISLAND CHAPTER
5200 N OCEAN DRIVE #1006
RIVIERA BEACH FL 33404

FLORIDA SHORE AND BEACH
PRESERVATION ASSOCIATION (FSBPA)
864 EAST PARK AVENUE
TALLAHASSEE FL 32301

JOHN SZELIGOWSKI
TAMS CONSULTANTS
655 3RD AVENUE
NEW YORK NY 10017

MR JOHN FLICKER
THE NATURE CONSERVANCY
2699 LEE ROAD #500
WINTER PARK FL 32789

CHAIRMAN
SIERRA CLUB
P O BOX 430741
MIAMI FL 33142-0741

CONSERVATION CHAIRMAN
SIERRA CLUB
9829 S W 62 COURT
MIAMI FL 33156

CHAIRMAN
AMERICAN LITTORAL SOCIETY
75 VIRGINIA BEACH DR
KEY BISCAYNE FL 33149

AMERICAN LITTORAL SOCIETY
2809 BIRD AVENUE SUITE 162
MIAMI FL 33133

CHAIRMAN
ENVIRONMENTAL INFORMATION SERVICE
101 WESTWARD DRIVE #2
MIAMI SPRINGS FL 33166

TROPICAL AUDUBON SOCIETY
18014 S W 83 COURT
MIAMI FL 33157

REGIONAL DIRECTOR
THE WILDERNESS SOCIETY
4203 PONCE DE LEON
CORAL GABLES FL 33146

MR DONALD DUERR
BIODIVERSITY ASSOCIATES
PO BOX 6032
LARAMIE WY 82070

DIRECTOR
PUBLIC REL/COMMUNICATIONS MGR
GREATER FORT LAUDERDALE
CONVENTION AND VISITORS BUREAU
200 E LAS OLAS BLVD SUITE 1500
FORT LAUDERDALE FL 33301

MR STEVE D'OLIVERA
SUN SENTINEL
200 E LAS OLAS BOULEVARD
FORT LAUDERDALE FL 33301-2293

BROWARD REVIEW
EDITOR
P O BOX 114366
FORT LAUDERDALE FL 33302

MIAMI HERALD (BROWARD)
CITY EDITOR
4000 HOLLYWOOD BOULEVARD
SUITE 200
NORTH HOLLYWOOD FL 33021

PALM BEACH POST
EDITOR
P O BOX 24700
WEST PALM BEACH FL 33405-4700

HI-RISER
EDITOR
2000 E OAKLAND PARK BOULEVARD
SUITE 103
FORT LAUDERDALE FL 33306

DIRECTOR
PUBLIC WORKS DEPT
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH FL 33149

MAYOR
CITY OF BOCA RATON
201 W PALMETTO PARK ROAD
BOCA RATON FL 33432

CITY MANAGER
CITY OF BOCA RATON
201 W PALMETTO PARK ROAD
BOCA RATON FL 33432

MAYOR
CITY OF BOYNTON BEACH
100 E BOYNTON BEACH BLVD
BOYNTON BEACH FL 33435

CITY MANAGER
CITY OF BOYNTON BEACH
100 E BOYNTON BEACH BLVD
BOYNTON BEACH FL 33435

MAYOR
TOWN OF BRINY BREEZES
5000 N OCEAN BOULEVARD
BOYNTON BEACH FL 33435

TOWN MANAGER
TOWN OF BRINY BREEZES
5000 N OCEAN BOULEVARD
BOYNTON BEACH FL 33435

MAYOR
CITY OF DELRAY BEACH
100 N W FIRST AVENUE
DELRAY BEACH FL 33444

CITY MANAGER
CITY OF DELRAY BEACH
100 N W FIRST AVENUE
DELRAY BEACH FL 33444

MAYOR
TOWN OF GULF STREAM
100 SEA ROAD
GULF STREAM FL 33483

TOWN MANAGER
TOWN OF GULF STREAM
100 SEA ROAD
GULF STREAM FL 33483

MAYOR
TOWN OF HIGHLAND BEACH
3614 S OCEAN BOULEVARD
HIGHLAND BEACH FL 33487

TOWN MANAGER
TOWN OF HIGHLAND BEACH
3614 S OCEAN BOULEVARD
HIGHLAND BEACH FL 33487

MAYOR
TOWN OF JUNO BEACH
340 OCEAN DRIVE
JUNO BEACH FL 33408

TOWN MANAGER
TOWN OF JUNO BEACH
340 OCEAN DRIVE
JUNO BEACH FL 33408

MAYOR
TOWN OF JUPITER
210 MILITARY TRAIL
JUPITER FL 33458

TOWN MANAGER
TOWN OF JUPITER
210 MILITARY TRAIL
JUPITER FL 33458

MAYOR
TOWN OF JUPITER INLET COLONY
P O BOX 728
JUPITER FL 33468-0728

MAYOR
CITY OF LAKE WORTH
7 N DIXIE HIGHWAY
LAKE WORTH FL 33460

CITY MANAGER
CITY OF LAKE WORTH
7 N DIXIE HIGHWAY
LAKE WORTH FL 33460

MAYOR
TOWN OF LANTANA
500 GREYNOLDS CIRCLE
LANTANA FL 33462

TOWN MANAGER
TOWN OF LANTANA
500 GREYNOLDS CIRCLE
LANTANA FL 33462

MAYOR
TOWN OF MANALAPAN
600 S OCEAN BOULEVARD
MANALAPAN FL 33462-3321

TOWN MANAGER
TOWN OF MANALAPAN
600 S OCEAN BOULEVARD
MANALAPAN FL 33462-3321

MAYOR
VILLAGE OF NORTH PALM BEACH
501 FEDERAL HIGHWAY
NORTH PALM BEACH FL 33408

VILLAGE MANAGER
VILLAGE OF NORTH PALM BEACH
501 FEDERAL HIGHWAY
NORTH PALM BEACH FL 33408

MAYOR
TOWN OF OCEAN RIDGE
6450 N OCEAN BOULEVARD
OCEAN RIDGE FL 33435

TOWN MANAGER
TOWN OF OCEAN RIDGE
6450 N OCEAN BOULEVARD
OCEAN RIDGE FL 33435

MAYOR
TOWN OF PALM BEACH
P O BOX 2029
PALM BEACH FL 33480

TOWN MANAGER
TOWN OF PALM BEACH
P O BOX 2029
PALM BEACH FL 33480

MAYOR
TOWN OF PALM BEACH SHORES
247 EDWARDS LANE
PALM BEACH SHORES FL 33404

MAYOR
CITY OF RIVIERA BEACH
600 W BLUE HERON BOULEVARD
RIVIERA BEACH FL 33404

CITY MANAGER
CITY OF RIVIERA BEACH
600 W BLUE HERON BOULEVARD
RIVIERA BEACH FL 33404

MAYOR
TOWN OF SOUTH PALM BEACH
3577 S OCEAN BOULEVARD
SOUTH PALM BEACH FL 33480

TOWN MANAGER
TOWN OF SOUTH PALM BEACH
3577 S OCEAN BOULEVARD
SOUTH PALM BEACH FL 33480

MAYOR
VILLAGE OF TEQUESTA
P O BOX 3273
TEQUESTA FL 33469

VILLAGE MANAGER
VILLAGE OF TEQUESTA
P O BOX 3273
TEQUESTA FL 33469

CITY MANAGER
CITY OF DANIA
CITY HALL
100 W DANIA BEACH BLVD
DANIA FL 33004

MAYOR
CITY OF DANIA
CITY HALL
100 W DANIA BEACH BLVD
DANIA FL 33004

CITY MANAGER
CITY OF DEERFIELD BEACH
CITY HALL
150 N W SECOND AVENUE
DEERFIELD BEACH FL 33441

MAYOR
CITY OF DEERFIELD BEACH
CITY HALL
150 N W SECOND AVENUE
DEERFIELD BEACH FL 33441

CITY MANAGER
CITY OF FORT LAUDERDALE
CITY HALL
P O DRAWER 14250
FORT LAUDERDALE FL 33302

MAYOR
CITY OF FORT LAUDERDALE
CITY HALL
P O DRAWER 14250
FORT LAUDERDALE FL 33302

CITY MANAGER
CITY OF HALLANDALE
CITY HALL
308 S DIXIE HIGHWAY
HALLANDALE FL 33009

MAYOR
CITY OF HALLANDALE
CITY HALL
308 S DIXIE HIGHWAY
HALLANDALE FL 33009

TOWN MANAGER
TOWN OF HILLSBORO BEACH
TOWN HALL
1210 HILLSBORO BEACH
POMPANO BEACH FL 33062

MAYOR
TOWN OF HILLSBORO BEACH
TOWN HALL
1210 HILLSBORO BEACH
POMPANO BEACH FL 33062

CITY MANAGER
CITY OF HOLLYWOOD
CITY HALL
P O BOX 229045
HOLLYWOOD FL 33022-9045

MAYOR
CITY OF HOLLYWOOD
CITY HALL
P O BOX 229045
HOLLYWOOD FL 33022-9045

TOWN MANAGER
TOWN OF LAUDERDALE-BY-THE-SEA
TOWN HALL
4501 OCEAN DRIVE
LAUDERDALE-BY-THE-SEA FL 33308

MAYOR
TOWN OF LAUDERDALE-BY-THE-SEA
TOWN HALL
4501 OCEAN DRIVE
LAUDERDALE-BY-THE-SEA FL 33308

ADMINISTRATIVE ASST TO THE MAYOR
CITY OF LIGHTHOUSE POINT
CITY HALL
P O BOX 5100
LIGHTHOUSE POINT FL 33064

MAYOR
CITY OF LIGHTHOUSE POINT
CITY HALL
P O BOX 5100
LIGHTHOUSE POINT FL 33064

CITY MANAGER
CITY OF OAKLAND PARK
CITY HALL
3650 NE 12TH AVENUE
OAKLAND PARK FL 33334

CITY MANAGER
CITY OF POMPANO BEACH
CITY HALL
100 W ATLANTIC BLVD
P O DRAWER 1300
POMPANO BEACH FL 33061

MAYOR
CITY OF POMPANO BEACH
CITY HALL
100 W ATLANTIC BLVD
P O DRAWER 1300
POMPANO BEACH FL 33061

CITY MANAGER
CITY OF MIAMI BEACH
TOWN HALL
1700 CONVENTION HALL CENTER
MIAMI BEACH FL 33139

MAYOR
CITY OF MIAMI BEACH
1700 CONVENTION CENTER DRIVE
MIAMI BEACH FL 33139

CITY MANAGER
CITY HALL
6130 SUNSET DRIVE
SOUTH MIAMI FL 33143

MAYOR
CITY OF SOUTH MIAMI
6130 SUNSET DRIVE
SOUTH MIAMI FL 33143

CITY MANAGER
CITY OF MIAMI
CITY HALL
3500 PAN AMERICAN DR
MIAMI FL 33133

CITY MANAGER
CITY OF NORTH MIAMI BEACH
CITY HALL
17011 NE 19 AVENUE
NORTH MIAMI BEACH FL 33162

CITY MANAGER
CITY OF KEY BISCAYNE
85 WEST MACINTYRE STREET
KEY BISCAYNE FL 33149

MAYOR
CITY OF NORTH MIAMI
776 N E 125 STREET
NORTH MIAMI FL 33161

MAYOR
INDIAN CREEK VILLAGE
50 INDIAN CREEK ISLAND
INDIAN CREEK VILLAGE FL 33154

MAYOR
CITY OF MIAMI SHORES
10050 N E 2 AVENUE
MIAMI SHORES FL 33138

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7903 EAST DRIVE
NORTH BAY VILLAGE FL 33141

MAYOR
CITY OF MIAMI
3500 PAN AMERICAN DRIVE
MIAMI FL 33133

MAYOR
CITY OF WEST MIAMI
901 S W 62 AVENUE
WEST MIAMI FL 33144

MAYOR
VILLAGE OF KEY BISCAYNE
85 WEST MACINTYRE STREET
KEY BISCAYNE FL 33149

MAYOR
TOWN OF GOLDEN BEACH
ONE GOLDEN BEACH DR
GOLDEN BEACH FL 33160

TOWN MANAGER
TOWN OF GOLDEN BEACH
TOWN HALL
ONE GOLDEN BEACH DRIVE
GOLDEN BEACH FL 33160

TOWN MANAGER
TOWN OF SURFSIDE
9293 HARDING AVENUE
SURFSIDE FL 33154

MAYOR
TOWN OF SURFSIDE
9293 HARDING AVENUE
SURFSIDE FL 33154

VILLAGE MANAGER
VILLAGE OF BAL HARBOUR
655 96 STREET
BAL HARBOUR FL 33154

MAYOR
VILLAGE OF BAL HARBOR
655 96 STREET
BAL HARBOR FL 33154

TOWN MANAGER
TOWN OF BAY HARBOR ISLAND
TOWN HALL
9665 BAY HARBOR TERRACE
BAY HARBOR ISLAND FL 331543

MAYOR
TOWN OF BAY HARBOR ISLAND
9655 BAY HARBOR TERRACE
BAY HARBOR ISLAND FL 33154

CHAIRPERSON
PALM BEACH COUNTY BOARD OF
COUNTY COMMISSIONERS
301 N OLIVE AVENUE 12TH FLOOR
WEST PALM BEACH FL 33401

CHAIRPERSON
BROWARD COUNTY BOARD OF COUNTY
COMMISSIONERS
115 S ANDREWS AVENUE ROOM 421
FT LAUDERDALE FL 33301-1872

CHAIRPERSON
DADE COUNTY BOARD OF COUNTY COMMISSIONERS
METRO DADE CENTER
111 N W 1ST STREET
MIAMI FL 33128

THE HONORABLE RICK MINTON
FLORIDA HOUSE OF REPRESENTATIVES
2300 VIRGINIA AVE RM 200
FORT PIERCE FL 34982

THE HONORABLE TOM WARNER
FLORIDA HOUSE OF REPRESENTATIVES
957 S FEDERAL HWY
STUART FL 34994

THE HONORABLE SHARON MERCHANT
FLORIDA HOUSE OF REPRESENTATIVES
721 U S HWY 1 #110
NORTH PALM BEACH FL 33408

THE HONORABLE ADDIE GREENE
FLORIDA HOUSE OF REPRESENTATIVES
330 CLEMATIS ST SUITE 205
WEST PALM BEACH FL 33401

THE HONORABLE LOIS FRANKEL
FLORIDA HOUSE OF REPRESENTATIVES
1645 PALM BEACH LAKES SUITE 290
WEST PALM BEACH FL 33401

THE HONORABLE ED HEALEY
FLORIDA HOUSE OF REPRESENTATIVES
50 S MILITARY TRAIL #205
WEST PALM BEACH FL 33415

THE HONORABLE WILLIAM ANDREWS
FLORIDA HOUSE OF REPRESENTATIVES
777 E ATLANTIC AVE SUITE 226
DELRAY BEACH FL 33483

THE HONORABLE SUZANNE JACOBS
FLORIDA HOUSE OF REPRESENTATIVES
990 S CONGRESS AVE
SUITE 5
DELRAY BEACH FL 33445

THE HONORABLE RON KLEIN
FLORIDA HOUSE OF REPRESENTATIVES
9070 KIMBERLY BLVD SUITE 60
BOCA RATON FL 33434

THE HONORABLE DEBBY SANDERSON
FLORIDA HOUSE OF REPRESENTATIVES
4800 N E 20 TERRACE #401
FORT LAUDERDALE FL 33308

THE HONORABLE WILLIAM G MYERS
FLORIDA STATE SENATE
50 KINDRED ST #301
STUART FL 34994-3058

THE HONORABLE ROBERT WEXLER
FLORIDA STATE SENATE
2500 N MILITARY TRAIL #252
BOCA RATON FL 33431

THE HONORABLE KENNETH JENNE II
FLORIDA STATE SENATE
612 SE 5TH AVE SUITE 3
FORT LAUDERDALE FL 33301

THE HONORABLE MATTHEW MEADOWS
FLORIDA STATE SENATE
3741 W BROWARD BLVD SUITE 206
FORT LAUDERDALE FL 33312-1041

THE HONORABLE JIM SCOTT
FLORIDA STATE SENATE
2000 E OAKLAND PARK BLVD
FORT LAUDERDALE FL 33306

THE HONORABLE THOMAS ROSSIN
FLORIDA STATE SENATE
505 S FLAGLER DRIVE SUITE 1001
WEST PALM BEACH FL 33401

THE HONORABLE JOHN RAYSON
FLORIDA HOUSE OF REPRESENTATIVES
950 N FEDERAL HIGHWAY SUITE 109
POMPANO BEACH FL 33062

THE HONORABLE TRACY STAFFORD
FLORIDA HOUSE OF REPRESENTATIVES
CITY PARK MALL 128 SE 1st STREET
FORT LAUDERDALE FL 33301

THE HONORABLE M MANDY DAWSON
FLORIDA HOUSE OF REPRESENTATIVES
612 N ANDREWS AVENUE
FORT LAUDERDALE FL 33311

THE HONORABLE JOSEPHUS EGGELETION
FLORIDA HOUSE OF REPRESENTATIVES
4315 N STATE ROAD 7
LAUDERDALE LAKES FL 33319

THE HONORABLE JACK TOBIN
FLORIDA HOUSE OF REPRESENTATIVES
4800 W COPANS ROAD
COCONUT CREEK FL 33063

THE HONORABLE BEN GRABER
FLORIDA HOUSE OF REPRESENTATIVES
2929 UNIVERSITY DRIVE SUITE 200
CORAL SPRINGS FL 33065

THE HONORABLE DEBBIE W SCHULTZ
FLORIDA HOUSE OF REPRESENTATIVES
13090 WEST STATE ROAD 84
DAVIE FL 33325

THE HONORABLE STEVEN BRIAN FEREN
FLORIDA HOUSE OF REPRESENTATIVES
400 N W 73rd AVENUE
PLANTATION FL 33317-1609

THE HONORABLE ANNE MACKENZIE
FLORIDA HOUSE OF REPRESENTATIVES
1000 S FEDERAL HIGHWAY #105
FORT LAUDERDALE FL 33316

THE HONORABLE FRED LIPPMAN
FLORIDA HOUSE OF REPRESENTATIVES
4000 HOLLYWOOD BOULEVARD SUITE 330 N
HOLLYWOOD FL 33021-6744